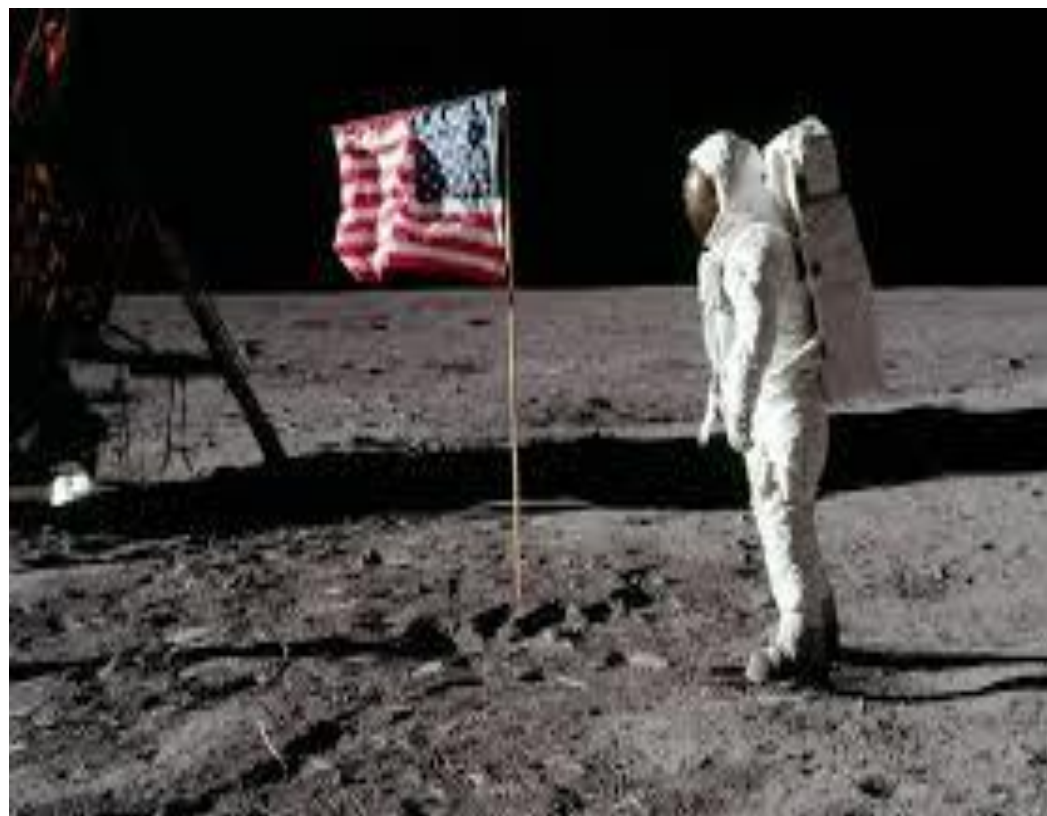


**'That's one small step for a man, one giant leap for mankind'
– Neil Armstrong**



Year 5 Autumn 1 – SPACE



ESSENTIAL KNOWLEDGE

By the end of this half term, the children will know...

- How to use informal and formal speech and tone, modal verbs and fronted adverbials and how to use dashes and brackets for parenthesis
- What it would have been like/felt like to be the first man on the Moon.
- The meanings and definitions of a varied range of vocabulary related to space
- How the Earth and Moon move in relation to the Sun and how day, night and seasons occur.
- How to read, write and compare numbers to 100,000
- How to count on to add, count back to subtract and add and subtract numbers within 1,000,000
- Who they are and how to show care and commitment
- How to develop their fitness skills using a variety of skills.
- Use specific drawing skills to create space related paintings.
- To understand the resources that the UK have and what does it trade.

Launch

A clip from the first moon landing.

Explore

To read extracts from 'Where we once stood' to explore the thoughts and feelings of Neil Armstrong as he first stepped foot on the moon.

Energise

To write our own exploration narratives from the viewpoint of an astronaut who has visited a new planet for the first time.

Celebrate

The children will have the opportunity to read out their narratives to the rest of the class.

Reflect

As a class, the children will discuss what they have enjoyed about this topic.
They will peer assess their work and think about how their writing has improved since the start of the school year.

Core Subjects

Religion

Domestic Church - Family Ourselves

BIG QUESTION – Who am I?

EXPLORE – A deepening awareness of 'Who I am'

REVEAL – Ourselves as made in the image and likeness of God

SCRIPTURE- Genesis 1: 26 –28, Colossians 3: 10 -11, Colossians 3: 12-17, Philippians 4: 4-9, Hosea 11: 1-4.

Baptism/Confirmation - Belonging

Life Choices

BIG QUESTION – Is commitment important?

EXPLORE – Showing care and commitment

REVEAL – The call to life and love within the community; marriage

SCRIPTURE- Ephesians 4: 1-7, Ephesians 4: 11-13, 15, Proverbs 31: 10-29, Matthew 5: 6-9

English

GENRE- Exploration Narrative

FOCUS TEXT- Where we once stood by Christopher Riley and Martin Impey

GPS: Indicate degrees of possibility using modal verbs, informal speech, linking ideas across paragraphs, using adverbials, speech punctuation, dashes and brackets for parenthesis and to introduce further information.

GENRE- Formal Report

FOCUS TEXT – 'Where we once stood' by Christopher Riley and Martin Impey

GPS- informal speech and vocabulary appropriate to formal speech and writing – formal tone, linking ideas across paragraphs, using adverbials, dashes and brackets for parenthesis and to introduce further information.

Spelling – words ending in 'ious', words ending in 'ant', words ending in 'cial' and 'tial', words ending in 'cious'.

Maths

Place Value

- Place value to 1,000,000
- Round to 1,000,000
- **Compare and order numbers**

Addition and Subtraction within 100,000

Mental calculations
Addition and subtraction of 4 digit numbers
Multi-step worded problems

Objectives to be taken from White Rose Maths

Science

Will we ever send another human to the moon?

Earth, Space and Magnetism

- **Describe the movement of the Earth and other planets relative to the sun in the solar system**
- **Describe the movement of the moon relative to the Earth**
- **Describe the sun, Earth and moon as approximately spherical bodies**
- **Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky**

CARITAS

THEME- The dignity of the Human Person

FOCUS- Each person is unique and irreplaceable – everyone matters.

Holy Days

FEAST DAY OF ST. LUKE – 18th October

We celebrate the life of our patron Saint, St. Luke.

Space: CONTENT

Foundation Subjects

History/Geography

'What resources does the UK have and what does it trade?'

- To understand the key aspects of the UKs physical and human geography using Ordnance Survey Maps.
- To identify and locate on maps some of the UKs natural resources and describe how they are used.
- To explore renewable and non-renewable resources in the UK.
- To use maps to show the UKs trade links with other countries for imports and exports.
- To understand the importance of fair trade and conversation.

Art and Design and Design Technology

Art – Drawing

Kathe Kollwitz

Skills- Children will look at drawing skills such as tone and cross hatching. The children will be using these skills to create paintings related to our theme of space.

Physical Education

Multi-skills

The children will engage in a variety of different skills such as catching, throwing, travelling and stability. Children will develop their fitness during this unit.

Computing

Connecting Computers

Computer Systems and Networks

- Explain how digital devices function.
- Identify input and output devices.
- Recognise how digital devices can change the way we work.
- Explain how a computer network can be used to share information.
- Explore how digital devices can be connected.

PSHE

Being me in my world

- Help others to feel welcome
- Try to make our school community a better place
- Think about everyone's rights to learn
- Care about other people's feelings
- Work well with others
- Choose to follow the learning charter